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| Application No. <u>101090,100</u> | Prepared by <u>NH</u> | Tracking Number <u>05882001</u> | |
| Examiner-GAU <u>-2817</u> | Date <u>2-12-04</u> | Week Date <u>12/29/03</u> | |
| | No. of queries <u>43</u> | <u>IFW</u> | |

| JACKET | | | |
|----------------------|------------------------|--------------------|----------------|
| a. Serial No. | f. Foreign Priority | k. Print Claim(s) | p. PTO-1449 |
| b. Applicant(s) | g. Disclaimer | l. Print Fig. | q. PTOL-85b |
| c. Continuing Data | h. Microfiche Appendix | m. Searched Column | r. Abstract |
| d. PCT | i. Title | n. PTO-270/328 | s. Sheets/Figs |
| e. Domestic Priority | j. Claims Allowed | o. PTO-892 | t. Other |

| SPECIFICATION | MESSAGE |
|------------------------|--|
| a. Page Missing | ✓ ① Primary examiner's signature is illegible. Please print name to understand. |
| b. Text Continuity | |
| c. Holes through Data | ② No/SP paragraph found in file. Please provide. |
| d. Other Missing Text | |
| e. Illegible Text | |
| f. Duplicate Text | |
| g. Brief Description | ③ Provisional application number 60/341,571 is listed on palm/bib sheet, but not in specification/text. Please Advise. |
| h. Sequence Listing | |
| i. Appendix | |
| j. Amendments | ✓ ④ PTO-1449: Please either initial or line through citations. Copy provided for reference. |
| k. Other | |
| CLAIMS | |
| a. Claim(s) Missing | |
| b. Improper Dependency | Thank you |
| c. Duplicate Numbers | |
| d. Incorrect Numbering | initials NH |
| e. Index Disagrees | RESPONSE |
| f. Punctuation | ③ Attorney will try to correct the error after the case has issued. |
| g. Amendments | |
| h. Bracketing | ④+④ Corrected |
| i. Missing Text | |
| j. Duplicate Text | |
| k. Other | |

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| Issue Classification  | Application No. | Applicant(s) | |
| | 10/090,100 | MONGIA, RAJESH | |
| | Examiner | Art Unit | |
| | Kimberly E Glenn | 2817 | |

| ISSUE CLASSIFICATION | | | | | | | | | |
|---|----------|---|---|------|--|-----------------------------------|--------------------|-----|--|
| ORIGINAL | | | | | CROSS REFERENCE(S) | | | | |
| CLASS | SUBCLASS | | | | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | |
| 333 | 204 | | | | 333 | 219 | 205 | 246 | |
| INTERNATIONAL CLASSIFICATION | | | | | | | | | |
| H | O | I | P | 1/20 | | | | | |
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| Kimberly E Glenn (Assistant Examiner) (Date) | | | | | Robert P. Patel Supervisory Patent Examiner Technical Center 2817 (Date) 10/22/03 | | | | |
| (Legal Instruments Examiner) (Date) | | | | | Total Claims Allowed: 37 | | | | |
| | | | | | O.G. Print Claim(s) | | O.G. Print Fig. | | |
| | | | | | 1 | | 1 and 5 | | |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant | | | | | | | | | | <input type="checkbox"/> CPA | | | | | | | | | | <input type="checkbox"/> T.D. | | | | | | | | | | <input type="checkbox"/> R.1.47 | | | | | | | | | |
|--|----------|--|-------|----------|--|-------|----------|--|-------|------------------------------|--|-------|----------|--|-------|----------|--|-------|----------|-------------------------------|-------|----------|--|-------|----------|--|-------|----------|--|---------------------------------|--|--|--|--|--|--|--|--|--|
| Final | Original | | Final | Original | | Final | Original | | Final | Original | | Final | Original | | Final | Original | | Final | Original | | Final | Original | | Final | Original | | Final | Original | | | | | | | | | | | |
| 1 | 1 | | 6 | 31 | | | 61 | | | 91 | | | 121 | | | 151 | | | 181 | | | | | | | | | | | | | | | | | | | | |
| 2 | 2 | | 7 | 32 | | | 62 | | | 92 | | | 122 | | | 152 | | | 182 | | | | | | | | | | | | | | | | | | | | |
| 3 | 3 | | 8 | 33 | | | 63 | | | 93 | | | 123 | | | 153 | | | 183 | | | | | | | | | | | | | | | | | | | | |
| 4 | 4 | | 18 | 34 | | | 64 | | | 94 | | | 124 | | | 154 | | | 184 | | | | | | | | | | | | | | | | | | | | |
| 5 | 5 | | 19 | 35 | | | 65 | | | 95 | | | 125 | | | 155 | | | 185 | | | | | | | | | | | | | | | | | | | | |
| | 6 | | 20 | 36 | | | 66 | | | 96 | | | 126 | | | 156 | | | 186 | | | | | | | | | | | | | | | | | | | | |
| | 7 | | 23 | 37 | | | 67 | | | 97 | | | 127 | | | 157 | | | 187 | | | | | | | | | | | | | | | | | | | | |
| 9 | 8 | | 24 | 38 | | | 68 | | | 98 | | | 128 | | | 158 | | | 188 | | | | | | | | | | | | | | | | | | | | |
| | 9 | | 25 | 39 | | | 69 | | | 99 | | | 129 | | | 159 | | | 189 | | | | | | | | | | | | | | | | | | | | |
| 10 | 10 | | 27 | 40 | | | 70 | | | 100 | | | 130 | | | 160 | | | 190 | | | | | | | | | | | | | | | | | | | | |
| | 11 | | 28 | 41 | | | 71 | | | 101 | | | 131 | | | 161 | | | 191 | | | | | | | | | | | | | | | | | | | | |
| 11 | 12 | | 29 | 42 | | | 72 | | | 102 | | | 132 | | | 162 | | | 192 | | | | | | | | | | | | | | | | | | | | |
| 12 | 13 | | | 43 | | | 73 | | | 103 | | | 133 | | | 163 | | | 193 | | | | | | | | | | | | | | | | | | | | |
| 13 | 14 | | | 44 | | | 74 | | | 104 | | | 134 | | | 164 | | | 194 | | | | | | | | | | | | | | | | | | | | |
| | 15 | | | 45 | | | 75 | | | 105 | | | 135 | | | 165 | | | 195 | | | | | | | | | | | | | | | | | | | | |
| 14 | 16 | | | 46 | | | 76 | | | 106 | | | 136 | | | 166 | | | 196 | | | | | | | | | | | | | | | | | | | | |
| 15 | 17 | | | 47 | | | 77 | | | 107 | | | 137 | | | 167 | | | 197 | | | | | | | | | | | | | | | | | | | | |
| 16 | 18 | | | 48 | | | 78 | | | 108 | | | 138 | | | 168 | | | 198 | | | | | | | | | | | | | | | | | | | | |
| 17 | 19 | | | 49 | | | 79 | | | 109 | | | 139 | | | 169 | | | 199 | | | | | | | | | | | | | | | | | | | | |
| 21 | 20 | | | 50 | | | 80 | | | 110 | | | 140 | | | 170 | | | 200 | | | | | | | | | | | | | | | | | | | | |
| 22 | 21 | | | 51 | | | 81 | | | 111 | | | 141 | | | 171 | | | 201 | | | | | | | | | | | | | | | | | | | | |
| 26 | 22 | | | 52 | | | 82 | | | 112 | | | 142 | | | 172 | | | 202 | | | | | | | | | | | | | | | | | | | | |
| 30 | 23 | | | 53 | | | 83 | | | 113 | | | 143 | | | 173 | | | 203 | | | | | | | | | | | | | | | | | | | | |
| 31 | 24 | | | 54 | | | 84 | | | 114 | | | 144 | | | 174 | | | 204 | | | | | | | | | | | | | | | | | | | | |
| 32 | 25 | | | 55 | | | 85 | | | 115 | | | 145 | | | 175 | | | 205 | | | | | | | | | | | | | | | | | | | | |
| 33 | 26 | | | 56 | | | 86 | | | 116 | | | 146 | | | 176 | | | 206 | | | | | | | | | | | | | | | | | | | | |
| 34 | 27 | | | 57 | | | 87 | | | 117 | | | 147 | | | 177 | | | 207 | | | | | | | | | | | | | | | | | | | | |
| 35 | 28 | | | 58 | | | 88 | | | 118 | | | 148 | | | 178 | | | 208 | | | | | | | | | | | | | | | | | | | | |
| 36 | 29 | | | 59 | | | 89 | | | 119 | | | 149 | | | 179 | | | 209 | | | | | | | | | | | | | | | | | | | | |
| 37 | 30 | | | 60 | | | 90 | | | 120 | | | 150 | | | 180 | | | 210 | | | | | | | | | | | | | | | | | | | | |



Patent Application
Docket No. 49598-00006USPT

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|---|-----|---|-------------|--|--------------|----------------------------------|--|
| Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Patent Department of Commerce Patent and Trademark Office | | | | Docket No.: 49598-00006USPT | | Serial No.: 10/090,100 | |
| | | | | Applicants: Rajesh Mongia et al. | | | |
| | | | | Filing Date: February 28, 2002 | | Group: 2817 | |
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| Examiner Initial | | Document No. | Date | Name | Class | Subclas s | |
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| | C-2 | Chang and Itoh, "A Modified Parallel-Coupled Filter Structure that Improves the Upper Stopband Rejection and Response Symmetry," IEEE Transactions on Microwave Theory and Techniques, Vol. 39, No. 2, February '91 | | | | | |
| | C-3 | | | | | | |
| | C-4 | | | | | | |
| | C-5 | | | | | | |
| | C-6 | | | | | | |
| DATE: 4/9/04 | | EXAMINER: | | | | | |



Patent Application
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| Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Patent Department of Commerce Patent and Trademark Office | Docket No.: 49598-00006USPT | Serial No.: 10/090,100 |
| | Applicants: Rajesh Mongia et al. | |
| | Filing Date: February 28, 2002 | Group: 2817 |

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| | C-1 | Gupta, et al, "Microstrip Lines and Slotlines", Library of Congress Cataloging-in-Publication Data, 2nd Ed., '96 Artech House, Inc., pgs. 182-189 |
| | C-2 | Mongia, et al, "RF and Microwave Coupled-Line Circuits", Library of Congress Cataloging-in-Publication Data, '99 Artech House, Inc., pgs. 98-101 and 182-183 |
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| | C-4 | |
| | C-5 | |
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EXAMINER: